FSA Modernization Partner

NSLDS II Reengineering Procedures Detail Design: Account Maintenance Fees (AMF) P-AMF-1

Version 1.0

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Document Control

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1.0	Initial Release	11/08/2002	David Marker

1 Account Maintenance Fee (AMF) Process

The U.S. Department of Education (DOE) is required to pay Accounts Maintenance Fees (AMF) to the Guaranty Agencies (GA) each year for servicing the Student Loans in the FFEL Program. Federal Student Aid (FSA) has chosen to make the payments every quarter. In the first three quarters of a Fiscal Year, an estimated amount is paid as an advance based on the past years history. The final amount is adjusted in the fourth quarter, based on the Outstanding Principal Balance on open loans at the end of the current year.

To facilitate this process, NSLDS II will compute the Outstanding Principal Balance for open loans in each GA's portfolio and transmit the information to FSA's Financial Management System (FMS) once a year at the end of the fourth quarter. Using these values, FMS then calculates the AMF total for the year. The difference between the AMF total and the amounts paid in the previous three quarters is determined by FMS and subsequently paid to the GAs. One fourth of the total AMF paid during the current year is then paid as an advance in the subsequent three quarters of the following year.

NSLDS II also transmits the back-up detailed loan level data to substantiate the AMF computation to the GAs.

The AMF process is scheduled to run in default mode on the 45th day following the end of the fiscal year. The AMF process may also be initiated in request mode for a single GA or for all GAs if FSA determines a re-computation is required due to the timing and/or corrections to detailed data provided by the GAs.

The AMF Process consists of the following procedures:

- Online AMF Request initiator (WEB Screen) (**Section 1.1**)
- AMF Detail Extract and Summarize (**Section 1.2**)
    - Define Report Parameters
    - Extract Detail Data
    - Calculate AMF Summary
- Individual GA AMF Loan Detail File Create, Transmit, and Backup (**Section 1.3**)

1.1 Online AMF Request Initiator (WEB Screen)

1.1.1 Procedure Specifications

Procedure Name:	Online AMF Request Initiator
Procedure Short Description:	This is a web data entry screen that facilitates the entry of parameters when AMF computation is required
Data Source:	Authorized FSA or NSLDS II users manually enter data through a custom MicroStrategy web interface
Procedure Frequency:	5-6 times a year
Detailed Technical Requirement References:	5.039, 5.041
Output Media:	RPT_PARM and RPT_PARM_ATT tables. Variables sent to kick off AMF Detail Extract and Summarize (Section 1.2)
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	1 entry for the RPT_PARM table and 4 entries for the RPT_PARM_ATT table created for each requested run are stored permanently
Related Interfaces/Screens:	FMS (See Interface Detail Design: I-FMS-1 Section 1.2 AMF Summary Interface) MBR007 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.11 Accounts Maintenance Fee Extract Report Parameter)

1.1.2 Procedure Flow

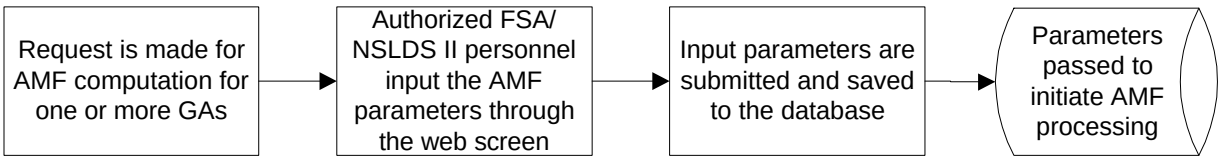


Figure 1, Online AMF Request Initiator

1.1.3 Computational Logic – Input Requested Parameters

/*Request is made for AMF computation for one or more GAs*/

/*Authorized FSA/NSLDS II personnel input the AMF parameters through the web screen */
Web Screen captures following data fields:
Fiscal Year (Year for which to compute the AMF)
GA Code – single GA or '*' for All GAs
GA Over Ride Indicator – Y or N
AMF Fee to be Paid Indicator – Y or N
Back Up Data to GA – Y or N

/* Note: See Screen Detail Design for validations (e.g. GA Code must exist in GA table and unless Over Ride Indicator = Y then the GA.ACT_CODE must = spaces)*/

/* Input Parameters are submitted and saved to the database */
Create RPT_PARM

Create RPT_PARM_ATTR for the given Report Parameter
Set SEQ = 1
Set NUM_VAL to Input Fiscal Year

Set SEQ = 2
Set CHAR_VAL to Input GA Code

Set SEQ = 3
Set CHAR_VAL to Input GA Over Ride Indicator

Set SEQ = 4
Set CHAR_VAL to Input AMF Fee to be Paid Indicator

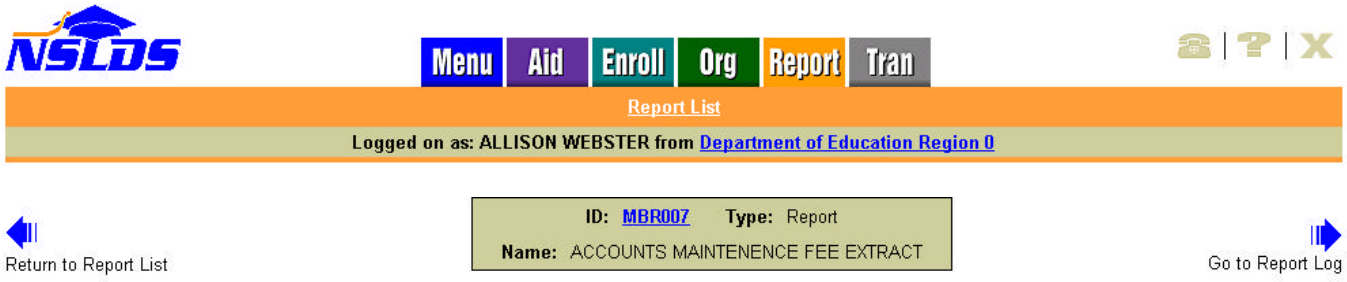
Set SEQ = 5
Set CHAR_VAL to Input Back Up Data to GA

/* Parameters passed to initiate AMF processing */
Call ***AMF Detail Extract and Summarize*** procedure and pass RPT_ID and PARM_TSTAMP as variables

NOTE: the scheduled AMF process is initiated by calling the ***AMF Detail Extract and Summarize*** procedure with the following Report Parameters:
RPT_ID = MBR007
PARM TSTAMP = 2999-12-31:00:00:00

1.1.3.1 Inputs

Web Input Screen



Report Parameters

FISCAL YEAR:	CCYY
GA CODE (OPTIONAL):	* Org Search
GA OVER RIDE INDICATOR:	N C
AMF FEE TO BE PAID INDICATOR:	N C
BACK UP DATA TO GA:	N C
Sort By:	1 GA CODE
Output Medium:	–Select–

Submit

Note: Actual Web Screen will be in standard Microstrategy format and may appear differently than above

1.1.3.2 Outputs

RPT_PARM (Database Output, values also passed to initiate AMF Detail Extract and Summarize procedure – RPT_ID_VAR & PARM_TSTAMP_VAR)

Data Element	Length	Type	Description	Mapping
RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	"MBR007"
PARM_TSTAMP	10	T	Date web inputs were entered	System Time Stamp
UID	8	C	User of ID of requesting Individual	Pulled from requesting user's log in

RPT_PARM_ATTR

Data Element	Length	Type	Description	Mapping
RPT_PARM_RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	RPT_PARM.RPT_ID
RPT_PARM_TSTAMP	10	T	Date web inputs were entered	RPT_PARM.PARM TSTAMP

Data Element	Length	Type	Description	Mapping
SEQ	2	N	Generic field used to give an ID for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic.
CHAR_VAL	40	C	Generic field used to give a character value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic
NUM_VAL	12	N	Generic field used to give a numeric value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic
DT_VAL	10	T	Generic field used to give a date value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic.

1.1.4 Procedure Assumptions

#	Assumption
1	Any requests made for recalculating the AMF for a previous Fiscal Year are run using the current (as of run date) NSLDS data
2	The scheduled mode is set to run on the 45th day after the end of the fiscal year regardless of any AMF request activity

1.2 AMF Detail Extract and Summarize

1.2.1 Procedure Specifications

Procedure Name:	AMF Detail Extract and Summarize
Procedure Short Description:	The procedure first determines a report begin and end date. Based on this time period, the matching data from Loan, Loan Guarantor, Guaranty Agency, and Loan Cancellation tables are retrieved. The procedure populates this detail data in a temp table and then summarizes it to populate the GA Summary table.
Data Source:	Report ID and Parameter Timestamp are passed as part of Schedule or Request initiation. Database tables with Loan, Student, School, and GA data.
Procedure Frequency:	On Request (5-6 times a year) and Scheduled once a year
Detailed Technical Requirement References:	5.039, 5.041
Output Media:	AMF_DETAIL TEMP and GA_SUM Tables
Output Target Platform:	NSLDS II
Output Storage Requirements:	GA_SUM table data stored permanently
Related Interfaces/Screens:	FMS (See Interface Detail Design: I-FMS-1 Section 1.2 AMF Summary Interface) MBR007 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.11 Accounts Maintenance Fee Extract Report Parameter)

1.2.2 Procedure Flow

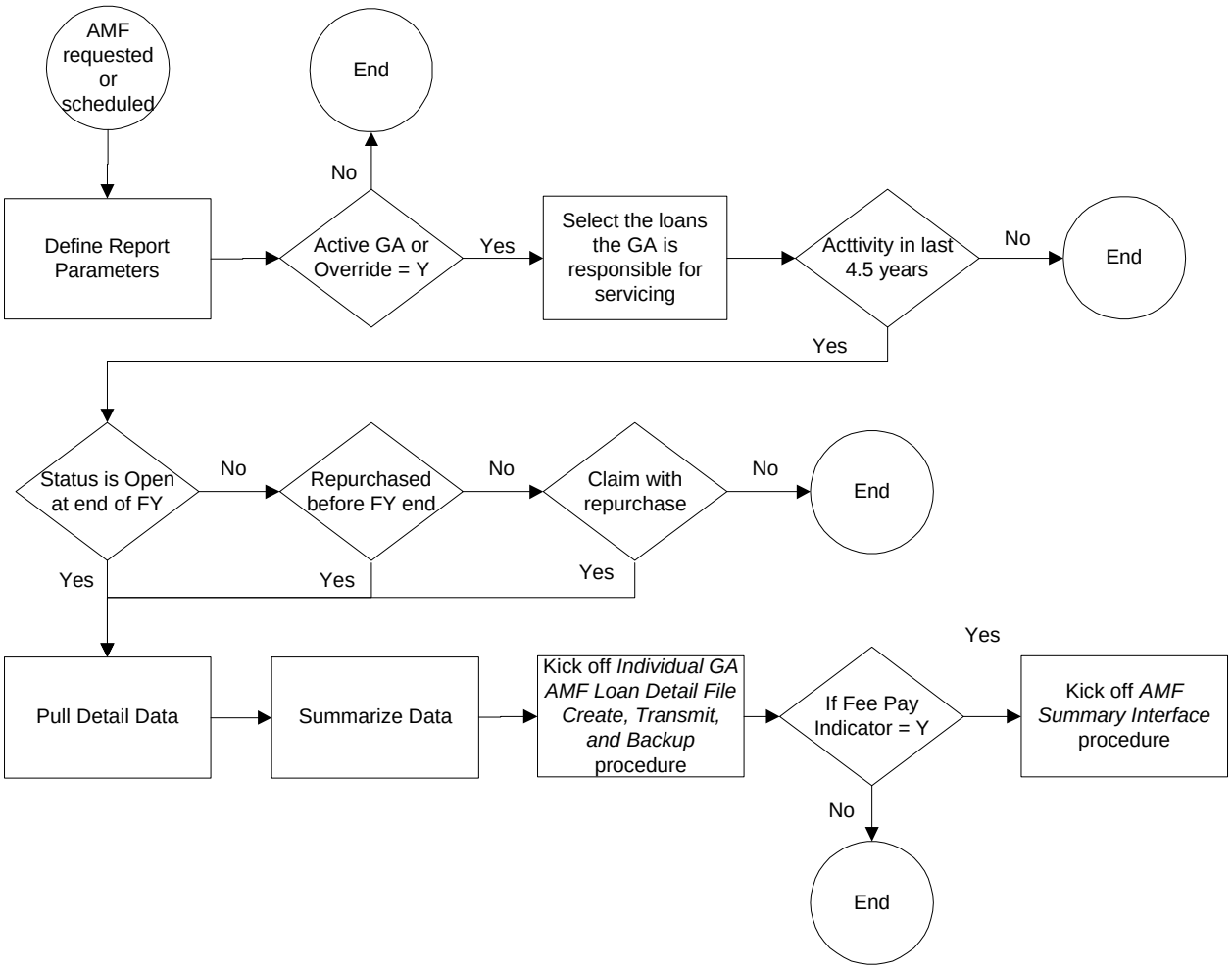


Figure 2, AMF Detail Extract and Summarize

1.2.3 Computational Logic - Define Report Parameters

/**********

This function determines if the application is running in Scheduled mode or in a Request mode. If it is in Scheduled mode, the Report Begin and End Dates are computed using the run date. If it is in Request mode, the Report Begin and End dates are calculated using the inputted FY. For both modes, GA information is retrieved from the Report Parameter Attribute table. A temp table is created, which is used in the next step when performing the actual detail data extract.

**********/

/*Note this command checks that the correct variables are being passed to the procedure, this step should always pass*/

If RPT_ID_VAR <> MBR007

Procedure ends with error

End If

/* Determine Report Begin and End dates for Scheduled Mode*/
If PARM_TSTAMP_VAR = 2999-12-31:00:00:00

Set Report End date equal to Latest end of the Fiscal Year Date (September 30) before the Current Date – (RPT_PARM_ATT .NUM_VAL where SEQ = 14)

Set Report Begin date to begin of the same Fiscal Year (October 1)

Populate PARM_ATTR_TEMP

/* Determine Report Begin and End dates for Requested Mode*/
Else

Set Report Begin date to (October 1 and FY = RPT_PARAM_ATT.DT_VAL where SEQ = 1 and RPT_PARAM. RPT_ID = MBR007)

Set Report End date to (September 30 and FY = RPT_PARAM_ATT.DT_VAL where SEQ = 1 and RPT_PARAM. RPT_ID = MBR007)

Populate PARM_ATTR_TEMP
End If

1.2.3.1 Inputs

RPT_PARM

Data Element	Length	Type	Description	Mapping
RPT_ID_VAR	6	C	Value for Report ID, should be MBR007	Passed as variable when procedure initiated (RPT_PARM.RPT_ID)
PARM_TSTAMP_VAR	26	T	Timestamp Text	Passed as variable when procedure initiated (RPT_PARM. PARM_TSTAMP)
UID	8	C	User of ID of requesting Individual	Pulled from requesting user's log on

When the PARM_TSTAMP is set to '2999-12-31:00:00:00', the application must be run in Scheduled mode. If the timestamp is set to any other valid value, the application must be run in Request mode.

RPT_PARM_ATTR

Data Element	Length	Type	Description	Mapping
RPT_PARM_RPT_ID	6	C	Used to distinguish between AMF, LPIF, and Federal Receivables extract.	RPT_ID_VAR
RPT_PARM_PARM TSTAMP	10	T	Date web inputs were entered	PARM TSTAMP_VAR
SEQ	2	N	Generic field used to give an ID for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic.
CHAR_VAL	40	C	Generic field used to give a character value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic
NUM_VAL	12	N	Generic field used to give a numeric value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic
DT_VAL	10	T	Generic field used to give a date value for a report attribute	Sequence numbers 1-5 are populated, see section 1.1.3 logic.

RPT_PARM_ATTR (Static Values for Scheduled mode)

NOTE: These static values must be added to the RPT_PARM_ATTR table

Parameter Meaning	SEQ	Attribute Populated	Possible Values
GA Code	2	CHAR_VAL	* (specifies all GA's)
GA inactive Override indicator	3	CHAR_VAL	'N'
Fee Paid Indicator	5	CHAR_VAL	'Y' - (fee needs to be paid- information needs to be sent to FMS)
Backup data required indicator	6	CHAR_VAL	'Y' - (backup data needs to be distributed to the GA).
Report Type	11	CHAR_VAL	'Y' —Yearly
Number of Days Back	14	NUM_VAL	'45' - Number used to compute Report End Date by as many days from the date on which the application is running

RPT_PARM_ATTR (Values for Request mode)

Parameter Meaning	SEQ	Attribute populated	Possible Values
Report Fiscal Year	1	NUM_VAL	YYYY format.
GA Code (e.g., RC8AFY):	2	CHAR_VAL	Valid NSLDS GA Code.

Parameter Meaning	SEQ	Attribute populated	Possible Values
For Fiscal Year: GA Override Indicator	3	CHAR_VAL	Y- indicates override even when GA is closed. N – indicates GA is disregarded if it is closed
Fee Paid Indicator	4	CHAR_VAL	Y- indicates fee needs to be paid using this date. N- indicates fee not paid.
Backup data required indicator	5	CHAR_VAL	Y- means backup data needs to be distributed to the GA. N– indicates analysis only. Backup data is not required to be sent to GAs.

1.2.3.2 Outputs

PARM_ATTR_TEMP

Data Element	Length	Type	Description	Mapping
RPT_ID	6	C	Value for Report ID is MBR007	RPT_PARM_ATTR
UID	8	C	User of ID of requesting Individual	RPT_PARM.UID
RPT_BEG_DT	8	D	Report Begin Date - October 1 of FY	Calculate in Procedure
RPT_END_DT	8	D	Report End Date – September 30 of FY	Calculate in Procedure
GA_CODE	3	C	Code for the Guaranty or '*' to specify all agencies	RPT_PARM_ATTR
GA_INACT_OVRR_IND	1	C	When this is set to 'Y' then use the GA code for processing even if the activity code is set to 'CLOSED'	RPT_PARM_ATTR
FEE_PAY_IND	1	C	Flag indicating whether the run is official and the fee needs to be paid through FMS	RPT_PARM_ATTR
BACKUP_IND	1	C	Flag indicating whether backup data needs to be sent to the GA	RPT_PARM_ATTR

1.2.4 Computational Logic – Extract Detail Data

/**********

The following are the Criteria for Loan Selection:

a) The loan must have been updated in the last 4 ¼ years, as indicated by the Outstanding Principal Balance Date.

b) The current Loan Status Date on the Loan record must be earlier than the Report End Date and the corresponding current Loan Status must be Open. (See Appendix A.)

c) When condition (b) is not satisfied, the latest Loan Status as of the Report End Date must be Open or there must be a repurchase after the Loan Status Date and earlier than Report End Date.

d) If condition (c) is not satisfied, no valid loan status earlier than Report End date is available. This indicates non-status loans. Include these non-status loans if there is no insurance claim payment or if there is an insurance claim payment but it has a later repurchase date.

**********/

/* Prepare the detail temp table by clearing out any old data */
Clear the AMF_DETAIL_TEMP table of any old data

/*** #1 Select GAs – This is outer loop ***/
If input GA Code is '*',
    Read each GA /*guaranty agency*/
Else
    Read specific GA where GA.CODE = PARM_ATTR_TEMP.GA_CODE
End If

If PARM_ATTR_TEMP.GA_INACT_OVRR_IND /* Inactive override indicator*/ = 'N' and
GA.ACT_CODE (Activity Code) NOT = spaces /* If it is Spaces indicates the GA is active */
    Skip the GA and go to the next GA
End If

/* Note this is just a back up check. This check should already have been made when the user enters the GA selection at the request web page */
If no GA is selected for input parameter criteria
    Terminate processing with appropriate error message.
End If

/*** #2 Determine GA responsibility within the extract period – This is the inner loop; selecting Loan Guarantors (a Loan Guarantor is associated with one unique Loan)***/

Read each LOAN_GUA associated with the GA where (LOAN_GUA.RESP_BEG_DT <=
PAR_ATTR_TEMP.RPT_END_DT and LOAN_GUA.RESP_END_DT >=
PAR_ATTR_TEMP.RPT_END_DT and LOAN_GUA.VAL_IND (valid indicator) = spaces)
    Select for Output LOAN_GUA.RESP_BEG_DT, LOAN_GUA.RESP_END_DT and
    LOAN_GUA.GA_CODE

/* Determine if GA continues to have responsibility on the day of the Program Run. Note: This is to check whether the loan has been transferred to Debt Collection or ECMC. When Debt Collection and

ECMC are reporting their Guaranty Amount, it is already adjusted to be the net of the Original Guaranty Amount – Original Cancellation Amount. As such, cancellations are not selected for these GA codes. */

/*Initiate the Bypass Cancellation variable*/
BYPASS_CAN_FLAG_VAR = 'N'

If LOAN_GUA.RESP_END_DT >= Current Date (same as Program Run date),
    Continue, go to #3 /* The GA continues to be responsible */
Else
    /*Initiate the Current GA's Responsibility End Date variable*/
    OLD_RESP_END_DT_VAR = LOAN_GUA.RESP_END_DT
    Loop through and read all other LOAN_GUARANTOR associated with the LOAN
        If Current LOAN_GUA.RESP_BEG_DT >= OLD_RESP_END_DT_VAR
            If the current LOAN_GUA.GA_CODE = '555' or '927',
                Set BYPASS_CAN_FLAG_VAR = 'Y' /* DO NOT take ANY cancellation values */
            End If
        End If
    End Loop
End If

/*** #3 Identify the loans belonging to the GA, since this is inside the inner# 2 loop currently looking at Loan associated with the current Loan Guarantor***/

/*** #3a Determine Activity Report Cut Off Date***/

Set ACT_CUT_DT_VAR = PARM_ATTR_TEMP.RPT_END_DT – (4yrs 6 mos)

/* (For example, for FY 1999 the Report Cut Off Date is July 1, 1995 and for FY 2000 the Report Cut Off Date is July 1, 1996.)*/

Read LOAN data associated with the current LOAN_GUA

If LOAN.OUT_PRIN_BAL_DT => ACT_CUT_DT_VAR
    Continue Reading Loan Data
Else If LOAN.OUT_PRIN_BAL_DT = NULL
    Verify if LOAN.DT => ACT_CUT_DT_VAR
    Continue Reading Loan Data
Else /*Loan has not been updated in the required timeframe so Bypass the loan */
    Go to next LOAN_GUA
End If

/*** #3b Determine whether the current Loan Status Date on the Loan record is earlier than the Report End Date and the corresponding current Loan Status is Open***/

If LOAN.CURR_LOAN_STAT = ('ID', 'DA', 'FB', 'RP') and LOAN.CURR_LOAN_STAT_DT <= RPT_END_DT

/*Loan is in Open Status as of the end of FY so all LOAN table level data is current*/
Select for Output LOAN.AMT, LOAN.DT, LOAN.TOT_CAN and LOAN.CURR_CAN_DT, LOAN.TOT_DIS, and LOAN.CURR_DIS_DT
Go to #3f to get the remaining detail information and then Go to the next LOAN_GUA

/*** #3c If # 3b is not satisfied, check if the latest Loan was open but the current info doesn't show its open since the loan status has changes or there has been a repurchase***/

Else

Read most recent past LOAN_STAT associated with LOAN by sorting LOAN_STAT descending using LOAN_STAT.DT where LOAN_STAT.DT <= RPT_END_DT and LOAN_STAT.VAL_IND = spaces

If LOAN_STATUS.CODE = ('ID', 'DA', 'FB', 'RP'),
Select for Output LOAN.AMT, LOAN.DT, LOAN_STAT.CODE and LOAN_STAT.DT
Else /*Loan status NOT = ('ID', 'DA', 'FB', 'RP')*/
/*(Check if there is a repurchase after the Loan Status Date but before the Report End Date. If not, then the loan is bypassed.)*/
Read each RPCH_LOAN /*repurchase loan */ associated with current LOAN sorted Descending RPCH_LOAN.DT
If (RPCH_LOAN.DT > = LOAN_STAT.DT
And RPCH_LOAN.DT < = RPT_END_DT)
Select for Output LOAN.AMT, LOAN.DT, LOAN_STAT.CODE, and LOAN_STAT.DT
Else /*No Repurchase Exists since last status change and before end of FY so Bypass the Loan*/
Skip LOAN_GUA and Go to next LOAN_GUA
End If
End If

/* No past Loan Status found for the loan. The loan status and date are taken from the LOAN table and will be blank */
Else
/*(Now check for insurance Claim Payments that have no repurchase.)*/
If exists - Read most current Lender Branch Holder's INSUR_CL_PMT (insurance claim payment) associated with current LOAN by sorting Descending INSUR_CL_PMT.DT where INSUR_CL_PMT.VAL_IND = spaces and INSUR_CL_PMT.DT <= RPT_END_DT

Read most current RPCH_LOAN associated with current LOAN by sorting Descending RPCH_LOAN.DT

```
                        If RPCH_LOAN.DT > = INSUR_CL_PMT.DT and RPCH_LOAN.DT <=
                        PARM_ATTR_TEMP .RPT_END_DT
                            /*Insurance Claim Payment Records Exist with repurchase*/
                            Select for Output LOAN.AMT, LOAN.DT
                        Else /*Insurance Claim Payment Records Exist without repurchase so
                        Bypass the Loan*/
                            Skip LOAN_GUA and Go to next LOAN_GUA
                        End If
                    Else /*No repurchase is read, so Insurance Claim Payment Records exist without
                    repurchase so Bypass the Loan*/
                        Skip LOAN_GUA and Go to next LOAN_GUA
                    End if
                Else /*No Insurance Claim Payment Records Exist*/
                    Select for Output LOAN.AMT, LOAN.DT
                End If
        End If
End If

/*** #3d Determine Cancellation Values, NOTE: This includes Cancellations that may have occurred
even before the GA had responsibility***/
        If BYPASS_CAN_FLAG_VAR = 'Y'
            Go to #3e and do not select the Cancellation Amt /*Loan Amount already has the
            cancellation amount factored into it*/
        Else
            Read most recent LOAN_CAN associated with the LOAN by sorting descending
            LOAN_CAN.DT where LOAN_CAN.DT <= PAR_ATTR_TEMP.RPT_END_DT
                Select for Output LOAN_CAN.DT and LOAN_CAN.CUM_AMT
        End If

/*** #3e Determine Disbursement Values***/

Read most recent LOAN_DIS associated with the LOAN by sorting descending LOAN_DIS.DT where
LOAN_DIS.DT <= RPT_END_DT
Select for Output LOAN_DIS DT and CUM_AMT

/*** #3f Retrieve Student, PLUS Borrower, Loan Originating School, and School Branch information for
the extracted loan***/
```

Read Student Branch originating the extracted loan whose valid indicator is spaces. Read Student associated with this Student Branch. Get SSN, First Name, Last Name, and Date of Birth.

Read School Branch and School associated with the Student Branch. Get School Branch Code and School Code.

If the loan type is "PL", read the latest PLUS Borrower Loan associated with the loan. Read PLUS Borrower for this PLUS Borrower Loan to get SSN, First and Last Names, Date of Birth information.

Read Loan External Identification for current loan. Get the code.

/* End Loan Guaranty Loop*/
End Loop Read Next LOAN_GUA

/*End GA Loop*/
End Loop Read Next GA

1.2.4.1 Inputs

PARM_ATTR_TEMP (See 1.2.3.2 Outputs for layout)

Base Tables and Data Elements

Entity	Attribute
LOAN	CURR_LEN_CODE
	CURR_LEN_SVR_CODE
	CURR_LOAN_STAT
	CURR_LOAN_STAT_DT
	CURR_MAT_DT
	TOT_CAN
	TOT_DIS
	CURR_DIS_DATE
	DT
	AMT
	FFEL_DUP_ID
	OUT_PRIN_BAL
	OUT_PRIN_BAL_DT
	PER_BEG_DT
	PER_END_DT
	CURR_CAN_DT
STUDENT	CURR_FST
	CURR_LST
	CURR_SSN

Entity	Attribute
	DOB
PLUS_BORR	CURR_FST
	CURR_LST
	CURR_SSN
	DOB
LOAN_STAT	CODE
	DT
SCH	CODE
SCH_BR	CODE
LEN	CODE
LEN_BR	CODE
LOAN_TYPE	CODE
LOAN_GUA	RESP_BEG_DT
	RESP_END_DT
GA	CODE
LOAN_CAN	DT
	AMT_DFF
LOAN_EXTL_ID	SRC
	CODR
	SYS_CR_DATE

1.2.4.2 Outputs

AMF_DETAIL_TEMP

Data Element	Length	Type	Description	Mapping
STU_SSN	9	C	Title IV aid recipient or beneficiary's SSN	STU.CURR_SSN
STU_DOB	8	D	Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format	STU.DOB
STU_FST	12	C	Title IV aid recipient or beneficiary's first name	STU.CURR_FST

Data Element	Length	Type	Description	Mapping
STU_LST	35	C	Title IV aid recipient or beneficiary's last name	STU.CURR_LST
LOAN_TYPE	2	C	Code indicating type of aid received or guaranteed: SF-Stafford SU-Unsubsidized Stafford PL-Plus SL-Supplemental Loans CL-Consolidation Loans RF-Refinanced	LOAN.LOAN_TYPE
LOAN_DT	8	D	Date the FFEL loan was originally guaranteed; CCYYMMDD format.	LOAN.DT
LOAN_FFEL_DUP_ID	1	C	An indicator used to differentiate among multiple loans of the same type, which have the same guaranty date for same student attending the same school.	LOAN.FFEL_DUP_ID
SCH_CODE	8	C	ED Office of Postsecondary Education (OPE) code for school in which student was enrolled or accepted for enrollment at the time the loan was made.	LOAN.SCH_CODE
LOAN_EXTL_ID_CODE	21	C	Unique ID that has been assigned to a loan by the Guaranty agency (optional Future).	LOAN_EXTL_ID.CODE
PLUS_BO_SSN	9	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_SSN
PLUS_BO_DOB	8	D	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.DOB
PLUS_BO_FST	12	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_FST
PLUS_BO_LST	35	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	PLUS_BO.CURR_LST
LOAN_AMT	6	N	Original dollar amount, before any cancellations, of the FFEL loan guaranty. For loans subrogated and received by NSLDS before the date of extract but after the end of the FY, this reflects the cumulative disbursement amount regardless of the guarantor at the time of disbursement.	LOAN.AMT
DIS_DT	8	D	Date of latest disbursement as reported to NSLDS before the FY end date; CCYYMMDD format.	LOAN.CURR_DIS_DT or LOAN_DIS.DT (see procedure logic)

Data Element	Length	Type	Description	Mapping
DIS_AMT	6	N	The cumulative amount of loan disbursement(s) last reported to NSLDS before the FY end date.	LOAN.TOT_DIS or LOAN_DIS.CUM_AMT (see procedure logic)
CAN_DT	8	D	Date when all or part of a loan was canceled; CCYYMMDD format. When the Amount of Cancellation is zero, this will have the default value 00000000.	LOAN.CURR_CAN_DT or LOAN_CAN.DT (see procedure logic)
CAN_AMT	6	N.	The cumulative amount of loan or disbursement(s) that was cancelled, including other loans cancelled and unconsummated loans cancelled as of the end of the FY.	LOAN.TOT_CAN or LOAN_CAN.CUM_AMT (see procedure logic)
LOAN_OUT_PRIN_BAL_DT	8	D	Date on which value in Amount of Outstanding Principal Balance was updated.	LOAN.OUT_PRIN_BAL_DT
LOAN_OUT_PRIN_BAL	6	N	The cumulative dollar value of the outstanding balance due on a loan, including capitalized interest.	LOAN.OUT_PRIN_BAL
CURR_LOAN_STAT_DT	8	D	Date on which the current code for loan status became effective.	LOAN.CURR_LOAN_STAT_DT or LOAN_STAT.DT
CURR_LOAN_STAT	2	C	Code representing the loan status of a borrower's loan as reflected in the Guaranty Agency's System at the end of the FY.	LOAN.CURR_LOAN_STAT or LOAN_STAT.CODE
LOAN_CURR_MAT_DT	8	D	Loan Date of Maturity (Date entered Repayment)	LOAN.CURR_MAT_DT
LOAN_PER_BEG_DT	8	D	Date on which Enrollment Period begins.	LOAN.PER_BEG_DT
LOAN_PER_END_DT	8	D	Date on which Enrollment Period ends.	LOAN.PER_END_DT
LOAN_CURR_LEN_SVR_CODE	6	C	Code for Lender Servicer as of the extract date of this file	LOAN.CURR_LEN_SVR_CODE
LOAN_CURR_LEN_CODE	6	C	Code for Current Lender as of the extract date of this file	LOAN.CURR_LEN_CODE
LOAN_ORIG_LEN_CODE	6	C	Code for Original Lender. All loans originally created from DCS or TGA will have this set to 000000.	LOAN.ORIG_LEN_CODE

Data Element	Length	Type	Description	Mapping
BYPASS_CAN_FLAG	1	C	Indicator when set to 'Y, the Cancellation Amount reset to 0, as the guaranty amount has already been subrogated and reflects the adjusted amount.	See Procedure Logic - BYPASS_CAN_FLAG_VAR
LOAN_GUA_RESP_BEG_DT	8	D	Responsible Begin Date for Loan Guarantor	LOAN_GUA.RESP_BEG_DT
LOAN_GUA_RESP_END_DT	8	D	Responsible End Date for Loan Guarantor	LOAN_GUA.RESP_END_DT
LOAN_GUA_GA_CODE	3	C	Responsible Guaranty Agency Code	LOAN_GUA.GA_CODE

1.2.4.3 Definitions

Loan Type Codes

Program	Type Code	Description
FFEL	CL	FFEL Consolidated
	PL	FFEL PLUS
	RF	FFEL Refinanced
	SF	FFEL Stafford Subsidized
	SL	Supplemental Loan (SLS)
	SN	FFEL Stafford Non-Subsidized
	SU	FFEL Stafford Unsubsidized

Loan Status Codes

Status Category	Status Code	Description
Open	ID	In School / Grace
	DA	Deferral
	FB	Forbearance
	RP	Repayment

1.2.5 Computational Logic – Calculate AMF Summary

/**
This step sums the AMF detail and then loads the GA_SUM table. The data is grouped by GA and then grouped by GA and Loan Type. The process also computes the Account Maintenance Fee for each GA by multiplying the net guaranty amount by the current rate. The current rate is stored in the validation translation table by the year the rate became effective. The table is read in descending order to select the rate that is in effect for the year being processed. The AMF rate is .10 percent after 9/30/2000 (FY2000), and prior to that date, the rate is 0 .12 percent.
**/

/* Retrieve the current AMF Rate */
Select LKUP_RSLT from VAL_TRSL_TAB (Validation Translation Table)
Where LKUP_TYPE_NM = 'AMF FEE RATE"
And LKUP_ID <= PARM_ATTR_TEMP.RPT_END_DT (report end date)
Order By LKUP_ID Descending

Set AMF_RATE_VAR = LKUP_RSLT * .0001
/* Note: Since rates stored in the validation translation table are stored in whole numbers, the value is multiplied by .0001. As stored in VAL_TRSL_TAB, LKUP_RSLT is 10 from fiscal year beginning 20001001 (FY2001), 12 from fiscal year beginning 19981001 (FY1999) */

/* Calculate the following using the AMF_DETAIL_TEMP table */

Group AMF_DETAIL_TEMP by GA
SUM Total Guaranty Amount (across all loan type)
Set NSLDS Assigned Code to 8953
Leave Loan Type blank

SUM Total Cancellation Amount (across all loan type)
Set NSLDS Assigned Code to 8954
Leave Loan Type blank

SET Total Net Guaranty Amount = Total Guaranty Amount – Total Cancellation Amount
Set NSLDS Assigned Code to 8955
Leave Loan Type blank

/* Accounts Maintenance Fee is calculated across all loan types, not for single loan types*/
SET Accounts Maintenance Fee Amount = Total Net Guaranty Amount * AMF_RATE_VAR
Set NSLDS Assigned Code to 8934

Group AMF_DETAIL_TEMP by GA and then Loan type
SUM Loan Type Guaranty Amount (For a single Loan type)
Set NSLDS Assigned Code to 8953

SUM Loan Type Cancellation Amount (For a single Loan type)
Set NSLDS Assigned Code to 8954

SET Loan Type Net Guaranty Amount = Loan Type Guaranty Amount –
Loan Type Cancellation Amount (For a single Loan type)
Set NSLDS Assigned Code to 8955

Set GA_SUM. OFFC_RUN_IND = PARM_ATTR_TEMP. FEE_PAY_IND

If GA_SUM record exists where (RPT_BEG_DT = PARM_ATTR_TEMP.RPT_BEG_DT and RPT_END_DT = PARM_ATTR_TEMP.RPT_END_DT and GA_CODE = AMF_DETAIL_TEMP.LOAN_GUA_GA_CODE and AGG_DESC_DET_ID = (AMF_DETAIL_TEMP LOAN_TYPE or Blank as set in above logic)
Set GA_SUM.CMPT_TYPE = 'R' /*File contains recomputed data*/
If GA_SUM. OFFC_RUN_IND = Y for old and new entries
/* If a GA_SUMMARY table entry already exists for the period, then the old record must be updated by setting fee paid indicator = space */
Set GA_SUM. OFFC_RUN_IND for the old record to space
End if
Else
Set GA_SUM.CMPT_TYPE = 'O' /*File contains original data*/
End If

Set GA_SUM.SRC (source) = 'NSL2000'

Set Create time and Create Date from system current timestamp.

Create GA_SUMMARY occurrence only for each NON-zero aggregated value computed above.

/*Note: The ***AMF Summary Interface (see** *I-FMS-1* ***interface document)*** selects only records where PARM_ATTR_TEMP.FEE_PAY_IND = 'Y'*/

Start the ***Individual GA AMF Loan detail File Create, Transmit, and Backup*** procedure

1.2.5.1 Inputs

PARM_ATTR_TEMP (see 1.2.3.2 Outputs for layout)

AMF_DETAIL_TEMP (see 1.2.4.2 Outputs for layout)

1.2.5.2 Outputs

GA_SUM

Data Element	Length	Type	Description	Mapping
AGG_DESC_DET_ID	2	N	Designer added attribute, which will allow a unique identification of an occurrence of this entity. It will allow for grouping of aggregate descriptor items. For AMF, Loan Type is used	See Procedure Logic (AMF_DETAIL_TEMP. LOAN_TYPE or Blank for GA total record)
AGG_DESC_ID	2	N	Designer added attribute, which will allow a unique identification of an occurrence of this entity.	See Procedure Logic
AMT	15	N	A calculated total dollar amount based on an associated AGGREGATE_DISCRIPTOR. Note that this attribute is optional. Examples of summarized amounts would be Loan Amount Guaranty, Amount of Cancellations, Claim Amount, Repurchase Amount, etc.	See Procedure Logic
CMPT_TYPE	1	C	This represents the type of computation for the summarized data. First time it will be set to O, which implies it is Original Computation for NSLDS, summarized data. For ED form data it represents the first time reporting for a specific period. If the data were to be received more than once or computed multiple	See Procedure Logic
GA_CODE	3	C	Three-digit, all numeric identification code of the GA guaranteeing an FFEL Program Loan.	PARM_ATTR_TEMP. GA_CODE
NO	4	N	A calculated total number of loans or accounts based on the associated AGGREGATE_DISCRIPTOR. Note that this attribute is optional – AMF processing currently does not do	NULL
OFFC_RUN_IND	1	C	This represents the record type of the summary record. When set to Y indicates that the summary record was used to pay Fee such as LPIF and AMF. When set to blank, the GA Summary record was used only for analysis, but not for Fee Payment.	PARM_ATTR_TEMP. FEE_PAY_IND
RPT_BEG_DT	8	D	Start date for which the report is to be generated. Normally this is the beginning of a Quarter or a Month.	PARM_ATTR_TEMP.RPT_BEG_DT

Data Element	Length	Type	Description	Mapping
RPT_END_DT	8	D	End date for which the report is to be generated. This is normally end of quarter or end of a month.	PARM_ATTR_TEMP.RPT_END_DT
SRC	8	C	This will identify the source of the Summary information. For NSLDS computed form 2000 information it will be NSL2000. The corresponding ED2000 line item data from GAQ will be ED2000. Similarly it will be NSL2000 and ED2000 for form 2000 processing. For information not related to any of the forms it will be simply NSLDS.	'NSL2000'
SYS_CR_DT	8	D	For NSLDS it is the date on which the summary was created. For ED 2000 line item it is the date when the submittal file was created by the GAQ system. Format is CCYYMMDD.	Current System Timestamp
SYS_CR_TM	8	T	For NSLDS it is the date on which the summary was created. For ED 2000 line item it is the date when the submittal file was created by the GAQ system. Format is HH:MM:SS.	Current System Timestamp

1.2.5.3 *Definitions*

NSLDS Codes for ED2000 Line Items

NSLDS Codes for ED2000 Line Items (FY Data)		
ED Form 2000 Line Item	**ED2000 Line Item Number**	**NSLDS Assigned Code**
Loans Guaranteed Amount (except Federal Consolidation) (Include Federal SLS and Federal Plus Refinanced loans)	AR-1	8901
Loans Canceled Amount (except Federal Consolidation) (Sum of Unconsummated and Other)	AR-2	8902
Federal Consolidation Loans Guaranteed Amount	AR-3	8903
Federal Consolidation Loans Canceled Amount	AR-4	8904

NSLDS Codes for ED2000 Line Items (FY Data)		
ED Form 2000 Line Item	**ED2000 Line Item Number**	**NSLDS Assigned Code**
Loans Transferred In	AR-6	8906
Loans Transferred Out	AR-7	8907
Default Claim Paid	AR-8	8908
Death and Disability Claims Paid	AR-10	8910
Closed School / False Certification Claims Paid	AR-11	8911
Loans Paid in Full	AR-12	8912
Federal Stafford and Unsubsidized Stafford Interim Loans	AR-13	8913
Loan Processing and Issuance Fee	AR-33	8933
Account Maintenance Fee	AR-34	8934
LPIF Guaranty Amount		8950
LPIF Cancellation Amount		8951
LPIF Disbursement Amount		8952
AMF Guaranty Amount		8953
AMF Cancellation Amount		8954
AMF Net Guaranty		8955

1.2.6 Procedure Assumptions

#	Assumption
1	The AMF is computed as of the date of the run.
2	Scheduled mode is always run 45 days after the last day of the Fiscal Year. If the scheduled mode is run before the set Number of Days Back (SEQ 14), then it will be a re-run of the scheduled mode run the prior year.

1.3 Individual GA AMF Loan Detail File Create, Transmit, and Backup

1.3.1 Procedure Specifications

Procedure Name:	Individual GA AMF Loan Detail File Create, Transmit, and Backup
Procedure Short Description:	This procedure creates the GA AMF Loan Detail File and transmits it to the GAs
Data Source:	AMF_DETAIL_TEMP and GA_SUM data populated during the AMF Detail Extract and Summarize procedure
Procedure Frequency:	5-6 times a year
Detailed Technical Requirement References:	5.039, 5.041
Output Media:	Flat Files in EBCDIC format put to Tape for distribution
Output Target Platform:	NSLDS II DB2 EEE
Output Storage Requirements:	36 GA files with snap shot of all loans as of Fiscal Year end
Related Interfaces/Screens:	FMS (See Interface Detail Design: I-FMS-1 Section 1.2 AMF Summary Interface) MBR007 (See NSLDS II Reengineering Screens Detail Design: Exception Reports Section 3.11 Accounts Maintenance Fee Extract Report Parameter)

1.3.2 Procedure Flow

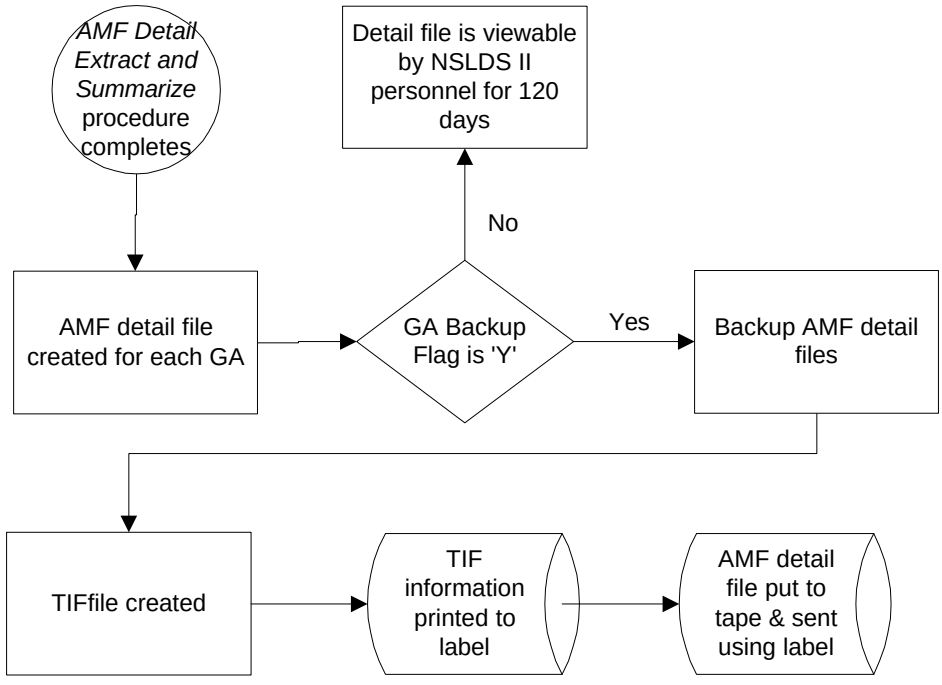


Figure 3, Individual GA AMF Loan Detail File Create, Transmit, and Backup

1.3.3 Computational Logic – Generate AMF Detail

/**
This procedure creates a separate file for each GA found in the AMF_DETAIL_TEMP table. The separate files will be transmitted to each GA and contain the detail records of the fees to be paid by FSA. If the backup data distribution flag is set to 'Y' on the online request screen, or if the job is run on scheduled mode, the files will be sent to tape for output distribution. A TIF file will also be created to give the necessary address information for shipping the tapes.

Regardless of the backup data distribution flag being set to 'Y' or 'N', the file's name will have a high-level qualifier of the user ID requesting the run. The file will be stored on the DB2 database server in a file directory reserved for exception reports. Users will be able to retrieve and download these reports from the MicroStrategy Web interface through an FTP connection to the database server. Users will have access to these reports up to 120 days after they have been created.
**/

/*Create the Dataset Name that will be used for distribution functionality*/

If backup data distribution flag = 'N'

Read GA_SUM.GA_CODE for current timestamp from the GA_SUM and then select all detail records from temp table for GA ordered by SSN and then Loan Type

/* For Request with No backup, 'C' in 'NSLPC' indicates the files will not be put to tape. The dataset name is set as NSLPC +User ID +GA Code +AMF + Fiscal Year End Date +Time Stamp (CCYYMMDDHH:MM:SS) for example NSLPC.S2S12345.GA375.AMF09312002.2002111409:16:30 */

Set DATASET_NM_VAR = 'NSLPC.'PARM_ATTR_TEMP.UID'.'GA_SUM.GA_CODE'.AMF'GA_SUM.RPT_END_DT'.'GA_SUM. SYS_CR_DT GA_SUM. SYS_CR_TM

Write Header Record
Write all the AMF Loan detailed records
Select GA, Count records, sum loan amount, sum can amount, sum net guaranty amount (loan amount – can amount) from detail table
Group by GA
Write Trailer Record
Set File Name to DATASET_NM_VAR

End GA_SUM.GA_CODE loop
End the Procedure

Else /*the backup data distribution flag is Y*/

Read GA_SUM.GA_CODE for current timestamp from the GA_SUM and then select all detail records from temp table for GA ordered by SSN and then Loan Type

/* The dataset name is set as NSLPT +User ID + GA Code +AMF +Quarter End Date +Time Stamp (CCYYMMDDHH:MM:SS) NOTE: For scheduled LPIF there is a default User ID*/

Set DATASET_NM_VAR = 'NSLPT.'PARM_ATTR_TEMP.UID'.'GA_SUM.GA_CODE'.AMF'GA_SUM.RPT_END_DT'.'GA_SUM. SYS_CR_DT GA_SUM. SYS_CR_TM

Write Header Record
Write all the AMF Loan detailed records
Select GA, Count records, sum loan amount, sum can amount, sum net guaranty amount (loan amount – can amount) from detail table
Group by GA
Write Trailer Record
Set File Name to DATASET_NM_VAR
Select GA info from TIF_INFO table, Create TIF File if not yet created, and write a line to the TIF file

End GA_SUM.GA_CODE loop
EndIf

/*Users will be able to retrieve their exception reports for download from a MicroStrategy web screen. There will be an ASP code module on this screen that checks the DB2 database server file directory for any exception reports that have been generated. Only reports with a User ID (embedded in dataset name) that matches the User ID of the user logged into MicroStrategy will be displayed in the given dropdown. */

Place detailed files in the file directory reserved for exception reports

Backup the Detail Data

End the Procedure

1.3.3.1 *Inputs*

PARM_ATTR_TEMP (see 1.2.3.2 Outputs for layout)

AMF_DETAIL_TEMP (see 1.2.4.2 Outputs for layout)

GA_SUM (see 1.2.5.2 Outputs for layout)

TIF_INFO

Data Element	Length	Type	Description
FST_NM	12	C	First Name
LST_NM	35	C	Last Name
ORG	60	C	Organization Name
ADD_LN1	50	C	Address Line 1
ADD_LN2	50	C	Address Line 2
CITY	20	C	City
STATE	2	C	State
COUNTRY	20	C	Country
ZIP	9	C	Zip Code
TAPE_FMT	3	C	Tape format

1.3.3.2 Outputs

GA AMF Loan Header Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Record Sequence Number	1	9	N	Positional sort field for sorting the header record to the top of the file. Set the value to all zeroes; '000000000'	'000000000'
Code for GA	10	3	C	Identification code for guaranty agency	GA_SUM.GA_CODE
Report Begin Date	13	8	D	Start date of fiscal year; CCYYMMDD format	GA_SUM.RPT_BEG_DT
Report End Date	21	8	D	End date of fiscal year; CCYYMMDD format	GA_SUM.RPT_END_DT
Filler	29	1	C	Spaces	Spaces
Create Date	30	8	D	Date on which the file is created; CCYYMMDD format	GA_SUM.SYS_CR_DT
Create Time	38	8	C	Time when the file is created; HH:MM:SS format	GA_SUM.SYS_CR_TM
File Description	46	30	C	'GA AMF DETAIL HEADER'	'GA AMF DETAIL HEADER'
Filler	76	225	C	Spaces	Spaces

GA AMF Loan Detail Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Student's Social Security Number	1	9	C	Title IV aid recipient or beneficiary's SSN	AMF_DETAIL_TEMP.STU_SSN
Date of Student's Birth	10	8	D	Date when a Title IV aid recipient or beneficiary was born; CCYYMMDD format	AMF_DETAIL_TEMP.STU_DOB
Student's First Name	18	12	C	Title IV aid recipient or beneficiary's first name	AMF_DETAIL_TEMP.STU_FST
Student's Last Name	30	35	C	Title IV aid recipient or beneficiary's last name	AMF_DETAIL_TEMP.STU_LST
Type of Loan	65	2	C	Code indicating type of aid received or guaranteed: SF-Stafford SU-Unsubsidized Stafford PL-Plus SL-Supplemental Loans CL-Consolidation Loans RF-Refinanced.	AMF_DETAIL_TEMP.LOAN_TYPE
Date of Guaranty	67	8	D	Date the FFEL loan was originally guaranteed; CCYYMMDD format	AMF_DETAIL_TEMP.LOAN_DT
Indicator of Separate Loan	75	1	C	An indicator used to differentiate among multiple loans of the same type, which have the same guaranty date for same student attending the same school	AMF_DETAIL_TEMP.LOAN_FFEL_DUP_ID
Code for Original School	76	8	C	ED Office of Post Secondary Education (OPE) code for school in which student was enrolled or accepted for enrollment at the time the loan was made	AMF_DETAIL_TEMP.SCH_CODE
GA Unique Loan ID	84	21	C	Unique ID that has been assigned to a loan by the Guaranty agency (optional Future)	AMF_DETAIL_TEMP.LOAN_EXTL_ID_CODE

Data Element	Field Position	Length	Type	Description	Mapping
PLUS Borrower's Social Security Number	105	9	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	AMF_DETAIL_TEMP.PLUS_BO_SSN
PLUS Borrower's Date of Birth	114	8	D	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	AMF_DETAIL_TEMP.PLUS_BO_DOB
PLUS Borrower's First Name	122	12	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	AMF_DETAIL_TEMP.PLUS_BO_FST
PLUS Borrower's Last Name	134	35	C	Applicable to PLUS (PL) Loans only. It will be set to spaces otherwise.	AMF_DETAIL_TEMP.PLUS_BO_LST
Amount of Guaranty	169	6	N	Original dollar amount, before any cancellations, of the FFEL loan guaranty. For loans subrogated and received by NSLDS before the date of extract but after the end of the FY, this reflects the cumulative disbursement amount.	AMF_DETAIL_TEMP.LOAN_AMT
Date of Disbursement	175	8	D	Date of latest disbursement as reported to NSLDS before the FY end date; CCYYMMDD format	AMF_DETAIL_TEMP.DIS_DT
Amount of Disbursement	183	6	N	The cumulative amount of loan disbursement(s) last reported to NSLDS before the FY end date	AMF_DETAIL_TEMP.DIS_AMT
Date of Cancellation	189	8	D	Date when all or part of a loan was canceled; CCYYMMDD format. When the Amount of Cancellation is zero, this will have the default value 00000000	AMF_DETAIL_TEMP.CAN_DT
Amount of Cancellation	197	6	N	The cumulative amount of loan or disbursement(s) that was cancelled, including other loans cancelled and unconsummated loans cancelled as of the end of the FY	AMF_DETAIL_TEMP.CAN_AMT
Date of Outstanding Principal Balance	203	8	D	Date on which value in Amount of Outstanding Principal Balance was updated	AMF_DETAIL_TEMP.LOAN_OUT_PRIN_BAL_DT

Data Element	Field Position	Length	Type	Description	Mapping
Amount of Outstanding Principal Balance	211	6	N	The cumulative dollar value of the outstanding balance due on a loan, including capitalized interest	AMF_DETAIL_TEMP.LOAN_OUT_PRIN_BAL
Loan Status Date	217	8	D	Date on which the current code for loan status became effective.	AMF_DETAIL_TEMP.CURR_LOAN_STAT_DT
Code for Loan Status	225	2	C	Code representing the loan status of a borrower's loan as reflected in the Guaranty Agency's System at the end of the FY	AMF_DETAIL_TEMP.CURR_LOAN_STAT
Date of Maturity	227	8	D	Loan Date of Maturity (Date entered Repayment)	AMF_DETAIL_TEMP.LOAN_CURR_MAT_DT
Period Begin Date	235	8	D	Date on which Enrolment Period begins	AMF_DETAIL_TEMP.LOAN_PER_BEG_DT
Period End Date	243	8	D	Date on which Enrolment Period ends	AMF_DETAIL_TEMP.LOAN_PER_END_DT
Code for Servicer	251	6	C	Code for Lender Servicer as of the extract date of this file	AMF_DETAIL_TEMP.LOAN_CURR_LEN_SVR_CODE
Code for Current Holder Lender	257	6	C	Code for Current Lender as of the extract date of this file	AMF_DETAIL_TEMP.LOAN_CURR_LEN_CODE
Code for Originating FFEL Lender	263	6	C	Code for Original Lender. All loans originally created from DCS or TGA will have this set to 000000.	AMF_DETAIL_TEMP.LOAN_ORIG_LEN_CODE
Indicator for exclusion of Cancellation Amount	269	1	D	Indicator when set to 'Y, the Cancellation Amount reset to 0, as the guaranty amount has already been subrogated and reflects the adjusted amount.	AMF_DETAIL_TEMP.BYPASS_CAN_FLAG

Data Element	Field Position	Length	Type	Description	Mapping
Responsible Begin Date	270	8	D	Responsible Begin Date for Loan Guarantor	AMF_DETAIL_TEMP.LOAN_GUA_RESP_BEG_DT
Responsible End Date	278	8	D	Responsible End Date for Loan Guarantor	AMF_DETAIL_TEMP.LOAN_GUA_RESP_END_DT
Filler	286	15		Spaces	Spaces

GA AMF Loan Trailer Record Layout Length = 300

Data Element	Field Position	Length	Type	Description	Mapping
Record Sequence Number	1	9	N	Positional sort field for sorting the header record to the top of the file. Set the value to all nines; '999999999'	'999999999'
Code for GA	10	3	C	Identification code for guaranty agency	GA_SUM.GA_CODE
File Description	13	30	C	'GA AMF DETAIL TRAILER'	'GA AMF DETAIL TRAILER'
Total Number of Detail Records	43	9	N.	This number reflects the number of detail records contained in the current file excluding header and trailer.	See Procedure Logic (Select from detail table and group to calculate the sum)
Total Guaranty Amount	52	15	N	The sum of all guaranty amounts in this file	See Procedure Logic (Select from detail table and group to calculate the sum)

Data Element	Field Position	Length	Type	Description	Mapping
Total Cancellation Amount	67	15	N	The sum of all cancellation amounts in this file	See Procedure Logic (Select from detail table and group to calculate the sum)
Total Net Guaranty Amount	82	15	N	The difference between the Total Guaranty Amount and the Total Cancellation Amount; signed numeric field	See Procedure Logic (Select from detail table and group to calculate the sum)
Filler	97	204	C	Spaces	Spaces

Transmission Interface File Length = 305

Data Element	Field Position	Length	Type	Description	Mapping
First Name	1	12	C	First Name	TIF_INFO.FST_NM
Last Name	13	35	C	Last Name	TIF_INFO.LST_NM
Organization	48	60	C	Organization Name	TIF_INFO.ORG
Address line 1	108	50	C	Address Line 1	TIF_INFO.ADD_LN1
Address line 2	158	50	C	Address Line 2	TIF_INFO.ADD_LN2
City	208	20	C	City	TIF_INFO.CITY
State	228	2	C	State	TIF_INFO.STATE
Country	230	20	C	Country	TIF_INFO.COUNTRY
Zip	250	9	C	Zip Code	TIF_INFO.ZIP
Tape Format	259	3	C	Tape format	TIF_INFO.TAPE_FMT
Dataset Name	262	44	C	Dataset name for output distribution	See Procedure Logic

1.3.4 Procedure Assumptions

#	Assumption
1	A separate output distribution procedure will create the individual GA tapes. Tape generation specifics will

	be further defined based on the final NSLDS II platform configuration. The basic functionality will allow TIF labels to be printed and detail data to be put to tape (utilizing the dataset naming convention)
2	All detailed AMF data will be backed up on tape. The back up process will be further defined based on the final NSLDS II platform configuration.